SUPPLEMENTARY MATERIALS

SULFUR DOPED $\text{Li}_{1.3}\text{Al}_{0.3}\text{Ti}_{1.7}(\text{PO}_4)_3$ SOLID ELECTROLYTES WITH ENHANCED IONIC CONDUCTIVITY AND REDUCED ACTIVATION ENERGY BARRIER

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Fig. S1. DSC-TG analysis of LATP powders
Fig. S2: FESEM analysis of LATP powders, corresponding elemental mapping and EDS analysis.
Fig. S3: Colour change during gel formation in bare-LATP and sulfur doped LATP syntheses.
Fig S4: Fracture surface FESEM image and corresponding EDS mapping of LATP-001S.
Fig S5: Fracture surface FESEM image and corresponding EDS mapping of LATP-005S.